

GUIDE FOR CERTIFICATION OF

LIFTING APPLIANCES

JANUARY 2018

NOTICE NO. 1 – May 2018

The following Changes were approved by the ABS Rules Committee on 1 May 2018 and become **EFFECTIVE AS OF 1 MAY 2018.**

(See <http://www.eagle.org> for the consolidated version of the Guide for Certification of Lifting Appliances 2016, with all Notices and Corrigenda incorporated.)

Notes - The date in the parentheses means the date that the Rule becomes effective for new construction based on the contract date for construction. (See 1-3/7.1.)

CHAPTER 2 GUIDE FOR CERTIFICATION OF CRANES

SECTION 6 CONSTRUCTION STANDARDS FOR CRANE MACHINERY, PIPING AND ELECTRICAL SYSTEMS

27 Crane Controls, Safety Devices and Features (1 July 2016)

27.5 Safety Devices and Features

(Revise Item 2-6/27.5vi), as follows:)

- vi) (1 May 2018) An audible warning device, within easy reach of the operator, is to be provided. Shipboard cranes, davits, provision cranes, and monorail hoists/engine room overhead cranes, with SWL of less than 25t, may be exempted from this requirement, provided it is determined to the satisfaction of the attending Surveyor that the operator has a clear view throughout the crane operating area.*

CHAPTER 2 GUIDE FOR CERTIFICATION OF CRANES
SECTION 7 SURVEYS

(Revise 2-7/Table 1, as follows:)

TABLE 1 (1 May 2018)

<i>SWL of Assembled Crane at the Specified Working Radius, kN (tf, lbf)</i>	<i>Proof Load ⁽¹⁾</i>		
	<i>Shipboard and Heavy Lift Cranes</i>	<i>Offshore Cranes</i>	
		<i>Original Proof Load Test ^(3,4)</i>	<i>Load Testing Subsequent to Original Test</i>
Up to 196 kN (20 tf, 44100 lbf)	25% in excess of SWL	25% in excess of VL ⁽²⁾	25% in excess of SWL
196-490 kN (20-50 tf, 44100-110250 lbf)	49 kN (5 tf, 11025 lbf) in excess of SWL	49 kN (5 tf, 11025 lbf) in excess of VL ⁽²⁾	49 kN (5 tf, 11025 lbf) in excess of SWL
Over 490 kN (50 tf, 110250 lbf)	10% in excess of SWL	10% in excess of VL ⁽²⁾	10% in excess of SWL

Notes:

- 1 Proof load is not to be less than the overload protection (shutdown) setting of the crane.
- 2 (1 July 2016) $VL = 0.75 \times VAF \times SWL$, where *VAF* is the vertical amplification factor. See 2-2/9. For the purposes of this Section, *VAF* is not to be taken less than 1.33 ($VAF \geq 1.33$).
- 3 Original Proof Load Test – Test of the crane after installation on board prior to first use and performed within a harbor or sheltered area or in very mild environmental conditions.
- 4 (1 May 2018) The original proof load need not exceed the design load of the hoisting winch brakes calculated as per 2-6/19.5.